IXIO Terminology

A

Admin mode *(p.5)*: administration mode protected by a code to limit access. Enables advanced adjustments for in-house maintenance and troubleshooting.

Assisted setup *(p. 4)*: the sensor learns the environment and takes a new reference picture. The sensor also tests a full opening and closing cycle of the door (see also quick setup).

Auto *(p. 5)*: automatic adaptation of the radar field size, especially useful in small shops to avoid unwanted detections caused by queuing customers.

B

Bidirectional detection *(p.5)*: detection of motion towards and away from the door, the door opens whenever any motion in the radar field is detected (see also unidirectional detection).

D

Diagnostics menu *(p.2)*: 3rd menu of the LCD-display with tools to analyse the status and behaviour of the sensor

Direction *(p.5)*: this parameter regulates the directionality of the radar detection field and determines whether targets are detected in both directions or only in one.

Door bell *(p.1)*: accessory that can be used in combination with an interface on the IXIO-DT3/DP3 sensors in order to activate a door bell when entering a building.

E

Error log *(p.5)*: list of last 10 errors occured and an indication of how many days ago the error occured

Expected lifetime *(p.8)*: the expected (in the statistical sense) number of years a product is likely to function without damage caused by external elements.

F

Frequency *(p.5)*: frequency on which the sensor emits the infrared signal. When sensors are installed close to each other, choose different emmitting frequencies.

Factory value *(p.2)*: value that is set by default (see also saved value).

Factory reset *(p.5)*: reset of values to their original state.

Full reset *(p.5)*: complete reset of values to their original state (see also partial reset).

H

Hold time *(p.5)*: the sensor detects as long as a target is detected in the radar field. The hold time is the added time during which the relay is activated and the door stays open once motion has stopped.

I

Immunity *(p.5)*: this parameter regulates the ability of external factors like rain or lamps to interfere with the detection performance of the sensor. When the immunity is high, the sensor is more protected against exernal disturbances.

P

PRM *(p.5)*: people with reduced mobility. This direction mode can be used in hospitals or nursing homes where people tend to move slowly or hesitantly. The door will adapt to their movements and not open and close repeatedly.

Partial reset *(p.5)*: reset of most values to their original state with the exception of output settings (see also full reset).

Presence time *(p.5)*: time that determines how long it takes before the sensor launches a IR-setup and learns a new background (IR-detection).

Presetting *(p.4)*: programmed configuration that adapts a few settings at once in order to be suited for a specific kind of application.

Q

Quick setup *(p.4)*: the sensor learns the environment and takes a new reference picture (see also assisted setup).

R

Redirection *(p.5)*: parameter that redirects the opening output. The opening output is active in case of motion detection ONLY, motion OR presence detection or motion AND presence detection.

Retrofit *(p.1)*: mounting of new products and parts on existing and older installations. The retrofit interface enables connexion to existing ACTIV8 wiring.

S

Saved value *(p.2)*: value that was adjusted and saved and currently used (see also factory value)

Smart Daisy Chain *(p.5)*: smart communication chain of 2 or 3 sensors in combination with the SDC Hub (accessory), also compatible with frequency and current output.

U

Unidirectional detection *(p.5)*: detection of motion towards the door, the door opens only when motion towards the door is detected in the radar field, which results in energy savings (see also bidirectional detection).

Z

ZIP code *(p.5)*: code which represents all parameters and their values in zipped format. This code can be unzipped and decoded by our helpdesk and a mobile application available for free download.